## **Claims**

[1] A scooter with variable wheel configuration between a two-wheeled vehicle and a three-wheeled vehicle, the scooter comprising: a frame for supporting and carrying a rider or a passenger and containing a battery and a controller; a steering assembly mounted on the front of the frame to pivot in left and right directions for steering, the steering assembly having a lower portion to which a front wheel is rotatably mounted and an upper portion provided with a handgrip for a rider to steer, a brake lever, an actuator control lever, and a throttle grip; a mount formed at a rear end of the frame in one-piece, the mount having a first mounting portion on one end and a second mounting portion on the other end; a first driving unit detachably mounted on the first mounting portion of the mount for a two-wheeled configuration or on the second mounting portion of the mount for a three-wheeled configuration; and a second driving unit detachably mounted to the first mounting portion and connected to the first driving unit for the three-wheeled configuration. [2] The scooter of claim 1, wherein each of the first and the second mounting portions includes a fastener for fastening the first driving unit and or the second driving unit. [3] The scooter of claim 2, wherein the fastener is a clamp and each of the first and the second driving units is provided with a notched portion for the clamp. [4] The scooter of claim 1, wherein the first driving unit includes: a base capable of being detachably mounted to one of the first and second mounting portions of the mount; an actuator installed at the base and being connected to the controller and the battery; a drive shaft rotatably attached to the base, the drive shaft having a coupling on one end; and a wheel rotatably connected to the other end of the drive shaft and the actuator. [5] The scooter of claim 4, wherein the base includes a bent mounting portion for detachably mounting the first driving unit on one of the first and second mounting portions. [6] The scooter of claim 4, wherein the actuator is a reversible motor capable of rotating in both forward and reverse directions. [7] The scooter of claim 4, wherein the actuator includes a first sprocket for power

output and the wheel is provided at an inside with a second sprocket in one piece,

the first and the second sprocket being connected by a chain.

[8] The scooter of claim 1, wherein	the first driving unit is provided with a handle.
	the second driving unit includes:
a base capable of being detachal	_
an actuator installed at the base;	-
a transmission connected with the	
	ansmission and rotatably attached to the base, the
	hich a wheel is mounted and the other end
connected to the first driving un	
	the base includes a bent mounting portion for
inserting a lower part of the first	<del></del>
<u> </u>	the actuator is a fossil fuel-powered engine.
	the actuator includes a first sprocket for power
	udes a second sprocket, the first and the second
sprocket being connected by a c	<del>-</del>
	the second driving unit is provided with a
handle.	the second driving unit is provided with a
	9, wherein the second driving unit includes a
	drive shaft, the coupling of the second driving
	to the coupling of the second driving unit.
	the mount is provided with a throttle wire
	rottle grip via a wire, the throttle wire connector
	y connected with actuators of the driving units.
	the mount is provided with a brake wire
	reak lever via a wire and a brake assembly of
	eak level via a wife and a blake assembly of
each of the driving units.	the first driving unit commisses on estructor built
[17] The scooter of claim 1, wherein into a wheel.	the first driving unit comprises an actuator built
	the front wheel includes a built in actuate.
[18] The scooter of claim 1, wherein	the front wheel includes a built-in actuator.